

ABSTRACT OF THE DISCLOSURE

An illumination system for illuminating a scan region on an object may comprise a hollow reflector having an interior reflective surface and an exit aperture. A light source positioned within the hollow reflector produces a plurality of light rays, some of which are reflected by the interior reflective surface of the hollow reflector before passing through the exit aperture. First and second reflectors positioned adjacent respective first and second sides of the exit aperture of the hollow reflector at least partially collimate light passing through the exit aperture of the hollow reflector to form a collimated beam.